

Dr. Diane E. Pataki is a Professor in the Department of Biology at the University of Utah with an adjunct appointment in the Department of City & Metropolitan Planning. She also serves as Associate Dean for Research in the College of Science and Associate Director of the Center for Ecological Planning & Design at the University of Utah. Prior to arriving in Utah in 2012, she was on the faculty of the University of California, Irvine for 8 years where she was the founding Director of the Center for Environmental Biology and the Steele Burnand Anza Borrego Desert Research Center. She received a B.A. in environmental science at Barnard College and an M.S. and Ph.D. at the Duke Nicholas School of the Environment. Dr. Pataki's work has spanned the impacts of climate change on ecosystems, the use of stable isotopes to study coupled human-natural processes related to urban CO₂ emissions, and the impacts of urban vegetation on local climate, pollution, and hydrology. Her work is focused on improving our mechanistic understanding of the interactions between vegetation, the physical environment, and urban planning, forestry, and design. Her lab utilizes methods from plant physiological ecology, ecosystem science, and bioclimatology to measure the impacts of urban landscapes on urban climate, pollution, atmospheric chemistry, and human thermal comfort and well-being. Dr. Pataki is a Fellow of the American Geophysical Union and Chief Specialty Editor for Urban Ecology at the journal *Frontiers in Ecology and Evolution*. She has previously served as a Program Director in the NSF Division of Environmental Biology and a member of the Environmental Protection Agency (EPA) Board of Scientific Counselors.